

SPAN[®]

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SPAN: Enabling Electrification for All

Core product: Smart Load Center



SPAN MAIN
32



SPAN MLO 48
SPAN MAIN 40



SPAN MLO
24



SPAN MAIN 16



SPAN Edge

Integrates both sources and loads efficiently, enhancing functionality and reducing costs of whole home electrification

Additional products



SPAN Drive

launched in 2022 to fully control any EV charging, including intelligent throttling.



SPAN App

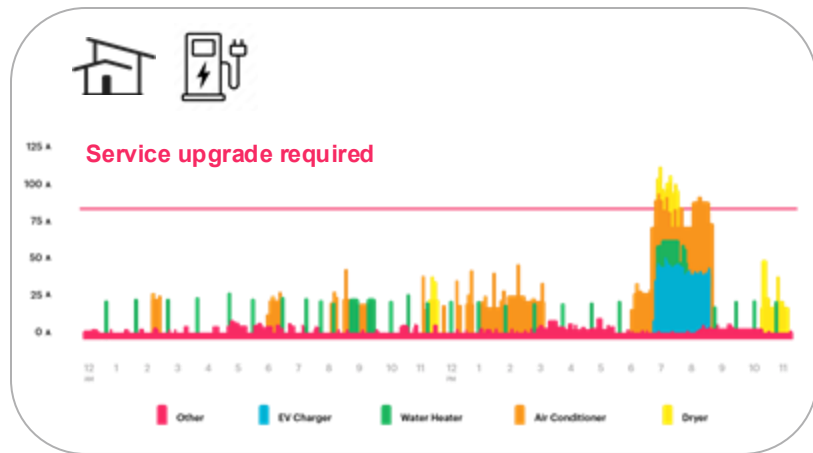
facilitates whole home energy management and creates an intuitive interface to the home.



SPAN Fleet

software services for fleet management and virtual power plants.

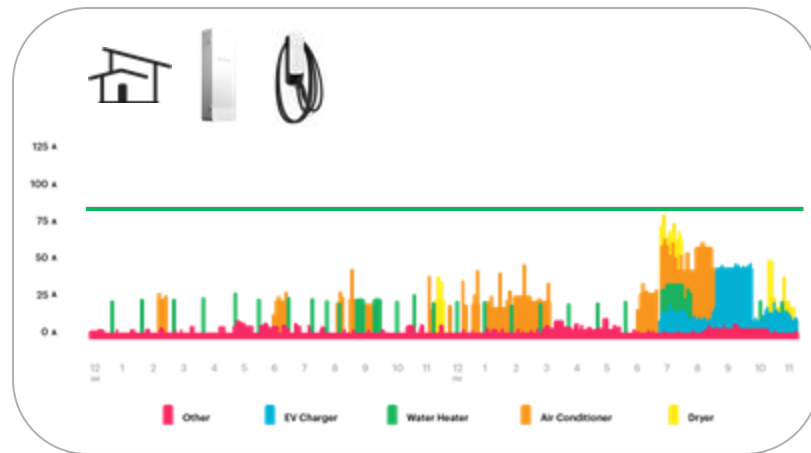
Service upgrade avoidance with PowerUp, the energy management system in all SPAN Panels



Increase electrical service required

When building all-electric homes, or meeting code requirements for future electric pre-wires, critical load sub-panels increased and over-built utility-side electrical service is often required, which can cost **\$11k per home** and delay projects by **months, even years**, or at worst, cause the customer to cancel their project.

Vs.



Electrification with SPAN PowerUp

SPAN automatically shifts loads based on homeowner preferences to intelligently control energy consumption in the home behind the scenes, enabling **faster**, often **less expensive installations**.

Homebuilders deliver all-electric communities with SPAN

1. **‘Make ready’ made easy:** Avoid extra **equipment** to meet building code requirements for solar & storage ready (option or standard) while avoiding up front costs.

2. **Build cleaner, smarter homes for less:** Eliminate costly **utility service upgrades** to bring 400A service for each home to support planned or required loads.

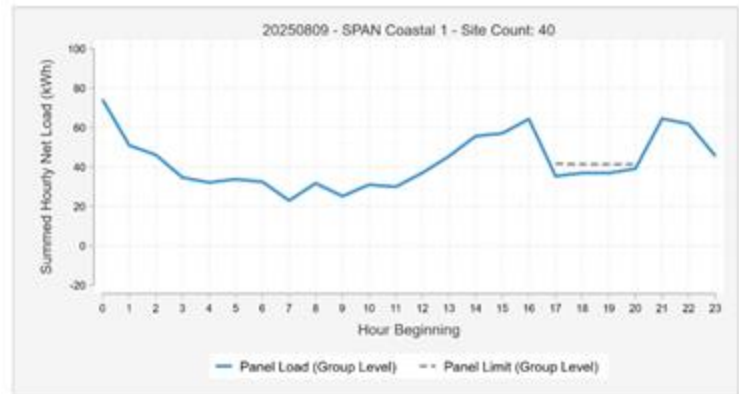
3. **Enhanced offerings:** Unlock home buyer upgrades or options with a strong energy foundation. Use SPAN Drive EV charger and PowerUp to **provide superior, lasting home functionality now or in the future.**



Utility partnerships for grid management (Examples from Pacific Gas and Electric)

Seasonal Aggregation of Versatile Energy (EPIC 4.09B)

- Enrolled installed SPAN panels for distribution load shaping
- Dispatched based on local feeder and substation load conditions
- Each premise managed to an individual limit. Load reduction per premise measured against Peak Load Contribution value
- Participating aggregators: Sunrun, Everbright, SPAN



PanelBoost (EPIC 4.02B)

- Augmenting “Socket of the Future” initiative to enable electrification without service or panel upgrades
- Starting Q3 2026 to offer SPAN Edge as fully subsidized, fast-install alternative to service upgrades

SPAN Total System Benefits Up to 7X Cost



Total System Value

Exceeds **\$14,000 per device** —delivering a consistent **\$7,900 to \$8,100** customer savings by avoiding costly panel upgrades.

Total Feeder-Level CapEx Deferral

Total utility benefits reach up to **\$1.3 Million per 500-home feeder** with up to **\$1.16M** in secondary distribution avoidance alone.

Regulatory Proof: High Cost-Effectiveness

SPAN delivers a High ROI (TRC Ratio) of **3.8 to 6.5**, with the most scalable scenario achieving a positive **PAC ratio of 1.18**.

<http://www.ethree.com/smart-panels>



Thank you!

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